

APC-2017/0045-C1C

**STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
AIR POLLUTION CONTROL PERMIT APPLICATION**

AQM-11
Page 1 of 2

APPLICATION FOR PERMITTING AUTOBODY SHOPS

Attach any additional information (manufacturer specifications, MSDS, etc.)
Include Drawings of All Equipment. Use additional pages if necessary

DEPARTMENT USE ONLY

1. Name of Auto Body Shop

DEPT. OF CORRECTIONS

2. Date of Application

3. Physical Location (Street Address) City County Zip Code

23207 DUPONT BLVD. GEORGETOWN SUSSEX 19947

4. Mailing Address City County Zip Code

23207 DUPONT BLVD GEORGETOWN SUSSEX 19947

5. Name of Owner
DEPT. OF
CORRECTIONS

6. Name of Person Signing
This Application
DAVIA WEST

7. Title of Person Signing
This Application
CORRECTIONAL
SERGEANT

8. Telephone
302-856-5790

9. Is a Copy of the Applicant Background Information
Questionnaire on Record at the Department? (required
for new permit applicants only)

☒ Yes

☐ No

10. Provide the make and model of the ventilated sander used at your shop. Attach a manufacturer's specification or vendor data sheet.

Ventilated Sander (MAKE)

N/A

(MODEL)

N/A

11. Provide the number of spray booths at your shop and the make and model of each spray booth.

Number of Spray Booths

1

Make/Model

GFS / PERFORMER ES SEMI-DOWNDRAFT

The manufacturer's specification or vendor data sheet should provide the following information at a minimum:

(1) Dimensions of the spray booth, 27' L x 14' W x 9' H

(2) Stack exhaust exit velocity (fps) or exhaust flow rate (acfm) from the spray booth, 10,500 CFM

(3) Stack height (from grade) and diameter of the spray booth exhaust stack, 24' - 34" STACK

(4) Removal efficiency of the filters used in the spray booth, and 99.67%

(5) Recommended pressure drop across the filters used in the spray booth. .12" / .50" NC

(6) Distance of exhaust stack to nearest property line in feet (ft), 375 FT

Attach a manufacturer's specification or vendor data sheet. Attach additional pages as needed.

12. Provide the number of spray guns or other coating applicators used at the shop along with the make and model of each. Attach a manufacturer's specification or vendor data sheet.

MAKE: DEVILBESS MODEL: TE10 Tip size (mm): 1.2 Flow Rate (g/s or oz/min): 4.1

MAKE: DEVILBESS MODEL: TE10 Tip size (mm): 1.3 Flow Rate (g/s or oz/min): 5.1

MAKE: DEVILBESS MODEL: TE20 Tip size (mm): 1.4 Flow Rate (g/s or oz/min): 6.1

FENIX LINE / FLG-678 / 1.8



STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL
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13. **Provide a list** (or attach additional pages as needed) of all of the coatings, reducers, catalysts, surface preparation products, and cleanup solvents used in the shop. Attach a Material Safety Data Sheet and Certified Product Data Sheet for each material and most recent 12-month VOC usage report from your coating supplier.

Coating(s) _____
Reducer(s) SEE ATTACHED COPIES
Catalyst(s) _____
Surface Preparation Product _____
Cleanup Solvents _____
Other _____

14. **Attach a shop plot plan or diagram** or draw one here describing the location of your spray booths and stacks. Include the distance to your nearest neighbor or property line (in feet).

SEE ATTACHED PHOTO

I, the undersigned, hereby certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all of its attachments as to the truth, accuracy, and completeness of this information. I certify based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. By signing this form, I certify that I have not changed, altered, or deleted any portions of this application. I acknowledge that I cannot commence construction, alteration, modification or initiate operation until I receive written approval (i.e. permit, registration, or exemption letter) from the Department. I acknowledge that I may be required to perform testing of the equipment to receive construction or operation approval, and that if I do not receive approval to construct or operate that I can appeal the decision.

DAVID WEST

Owner or Authorized Agent

[Signature]

Signature of Owner or Authorized Agent

8/29/2016
Date

Please submit this application and required fees to:

DNREC Division of Air and Waste Management

Air Quality Management
Attention: Laura Bogus
655 S. Bay Rd., Suite 5N
Dover, DE 19901

Make checks payable to: State of Delaware



PHILADELPHIA TRAINING CENTER

This is to acknowledge that
David West

has completed the course listed below and is awarded this certificate.

PRO//BASE Basecoat Painter Certification


*In recognition thereof the following authorized signatures
are affixed the 23rd day of August, 2017.*



Rodney E. Habel – Director of Training Operations



Ted R. Swan – Training Center Manager



Christopher M. Bochanski – Training Specialist



PHILADELPHIA TRAINING CENTER

This is to acknowledge that
Robert Foran

has completed the course listed below and is awarded this certificate.

PRO//BASE Basecoat Painter Certification

*In recognition thereof the following authorized signatures
are affixed the 23rd day of August, 2017.*



Rodney E. Habel – Director of Training Operations



Ted R. Swan – Training Center Manager



Christopher M. Bochanski – Training Specialist



This is to acknowledge that

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40 CFR Part 63, Subpart HHHHHH Training

Christopher Bochanski

Instructor

08/23/2017

Date



This is to acknowledge that

Robert Foran

*has completed the course listed below
and is awarded this certificate.*

40 CFR Part 63, Subpart HHHHHH Training

Christopher Bochanski

Instructor

08/23/2017

Date



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

OCT 03 2016

Mr. David West
Delaware Department of Corrections
Sussex Community Correctional Center
23207 DuPont Blvd.
Georgetown, Delaware 19947

Re: Exemption from 40 CFR Part 63, Subpart HHHHHH

Dear Mr. West:

This letter is in response to your petition asking the Environmental Protection Agency (EPA) to exempt the motor vehicle and mobile equipment spray-applied surface coating facility which the Delaware Department of Corrections operates at its Sussex Community Correctional Center located at 23207 DuPont Blvd., Georgetown, Delaware from the applicable requirements of the National Emission Standards for Hazardous Air Pollutants, Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources, 40 CFR Part 63, subpart HHHHHH (Subpart HHHHHH).

An owner or operator of a motor vehicle and mobile equipment spray-applied surface coating facility is required by Subpart HHHHHH to conduct the spray-applied coating activities at the facility in accordance with requirements intended to limit the facility's spray-applied coating related emissions of target hazardous air pollutants (HAP).

You submitted the Delaware Department of Corrections' petition pursuant to a provision in Subpart HHHHHH at 40 CFR § 63.11170(a)(2) that allows an owner or operator of a motor vehicle and mobile equipment spray-applied surface coating facility to petition the EPA for an exemption from the applicable requirements of Subpart HHHHHH if their facility doesn't spray apply any coatings that contain target HAP, as these are defined in 40 CFR § 63.11180.

Subpart HHHHHH specifies at 40 CFR § 63.11170(a)(2) that an owner or operator of a motor vehicle and mobile equipment spray-applied surface coating facility who petitions for an exemption from the applicable requirements in Subpart HHHHHH must certify in their petition that their facility doesn't spray-apply any coatings that contain target HAP, and must describe in their petition the coatings that their facility does spray-apply.

In your petition you provided the required certification that your Company's facility identified in the petition doesn't spray-apply any coatings that contain target HAP, and the required description of the coatings that the facility does spray-apply.



*Printed on 100% recycled/recyclable paper with 100% post-consumer fiber and process chlorine free.
Customer Service Hotline: 1-800-438-2474*

Based on the information you provided in your petition, EPA is exempting the Delaware Department of Corrections' facility as identified in your petition from the applicable motor vehicle and mobile equipment spray-applied surface coating requirements of Subpart HHHHHH. You must keep a copy of this exemption on site at the office of the Delaware Department of Corrections' facility as identified in your petition for as long as that facility performs motor vehicle and mobile equipment spray-applied surface coating operations.

If circumstances change such that the Delaware Department of Corrections intends to spray-apply coatings containing any target HAP at this facility, the Delaware Department of Corrections would then be required to submit the initial notification required by Subpart HHHHHH at 40 CFR § 63.11175 and to comply with the other applicable requirements of Subpart HHHHHH.


The Delaware Department of Corrections would be responsible for any violations of the applicable motor vehicle and mobile equipment spray-applied surface coating requirements of Subpart HHHHHH, or of any other air pollution control requirements that might apply without this exemption, if it is determined that the Delaware Department of Corrections' facility was not eligible for this exemption. Nothing in this exemption shall be construed as limiting the ability of EPA or a delegated air pollution control agency to pursue enforcement action if it is determined that the Delaware Department of Corrections' facility as identified in your petition was not eligible for this exemption.

This exemption is based on the information that you have provided to EPA regarding the Delaware Department of Corrections' facility and the coatings that it spray-applies. Federal law provides for penalties for providing false information to EPA.

This exemption from the motor vehicle and mobile equipment spray-applied surface coating requirements of Subpart HHHHHH does not relieve the Delaware Department of Corrections of responsibility for complying fully with any and all other applicable federal, state, and local laws, regulations, and permits.

If you have any questions regarding this response, please contact Mr. Ray Chalmers, Office of Permits and State Programs, at 215-814-2061.

Sincerely,



Cristina Fernandez, Director
Air Protection Division

cc: Mr. Paul Foster, Program Manager
Air Compliance, Permits and Enforcement
Department of Natural Resources and Environmental Control
Division of Air and Waste Management
715 Grantham Lane
New Castle, Delaware 19720

Example Petition for Exemption

Paint Stripping and Miscellaneous Surface Coating Operations

Area Source Rule

40 CFR Part 63 Subpart HHHHHH (§§ 63.11169 – 63.11180 and Table 1)

An exemption from the requirements of Subpart HHHHHH is case/fact specific. This Example Petition for Exemption is completed to illustrate the type of information that you might submit to request an exemption. You may use your own form as long as you include all the information required by the rule for a petition. We will respond to your petition after we have evaluated the information you provided.

In accordance with 40 CFR §63.11170(a)(2), an owner or operator of a motor vehicle or mobile equipment surface coating operation (including refinishing operations) may petition the United States Environmental Protection Agency (EPA) Administrator to exempt the operation from the surface coating regulatory requirements of 40 CFR Part 63 Subpart HHHHHH, if the owner or operator can demonstrate that the spray-applied coatings used by the facility do not contain target hazardous air pollutants (HAP) (paint stripping requirements still apply).

Note: in determining whether you spray apply target HAP containing coatings, do not include coatings applied using hand-held aerosol cans, or hand-held devices (e.g., spray guns) with a paint cup capacity of 3 fluid ounces or less. These are not considered spray-applied coatings under the rule. See, "spray-applied coating operations" definition at 40 CFR §63.11180.

As defined in 40 CFR §63.11180, coatings are "target HAP containing coatings" if they contain compounds of chromium (Cr), lead (Pb), nickel (Ni), cadmium (Cd), or manganese (Mn) above a given concentration. If a compound is not carcinogenic, then the rule allows a higher concentration of the compound before the coating is considered to be a target HAP containing coating, as described here:

- Target HAP containing coatings are defined to include carcinogens, coatings containing compounds of hexavalent chromium (Cr+6) (e.g., chromates), lead (Pb), nickel (Ni), or cadmium (Cd), if those compounds comprise more than 0.1% of the coating by mass.
- Target HAP containing coatings also include noncarcinogens, coatings containing compounds of trivalent chromium (Cr+3) or manganese (Mn), if those compounds comprise more than 1.0% of the coating by mass.
- Refer to the coating Material Safety Data Sheets (MSDS) or obtain documentation from your supplier for each coating that you spray apply without mixing. If you mix coatings prior to application, determine the target HAP concentration for each coating mixture that you spray apply.

1. General Information

Company Name DEPT. OF CORRECTIONS
Facility Name SUSSEX COMMUNITY CORRECTIONAL CENTER
Mailing Address 23207 DUPONT BLVD Telephone Number 302-856-5790
City GEORGETOWN State DE Zip 19947

Facility Location (if different from above):

For mobile refinishing operations, indicate "at various customer locations"

Street Address SAME LOCATION AS ABOVE County _____
City _____ State _____ Zip _____

Location where your facility compliance records are maintained:

Street Address SAME LOCATION AS ABOVE County _____
City _____ State _____ Zip _____

2. Describe your surface coating operation and explain why your facility qualifies for the exemption under 40 CFR §63.11170 (a)(2). (For example: Our facility repairs automobile collision damage. We are seeking an exemption because we do not use any target HAP containing coatings.)

THIS AGENCY REPAIRS AUTOMOBILE DAMAGES. WE ARE SEEKING AN EXEMPTION BECAUSE WE DO NOT USE ANY TARGET HAP CONTAINING COATINGS OF ANY KIND. THIS AGENCY IS A TRAINING FACILITY FOR TEACHING AUTOMOTIVE EDUCATION TO HELP SEEK EMPLOYMENT.

3. Description of Spray-Applied Coatings

Identify the manufacturer(s) and product line(s) of all the spray-applied coatings used at this facility. Attach additional pages to this petition, if necessary.

Manufacturer	Product Line
MARTIN SENOUR PAINTS	PRO BASE

4. Certification Statement

I have consulted reliable analyses (material safety data sheets or information obtained from the coating manufacturer) of the coatings that are used in this facility and have determined that we do not spray apply target HAP containing coatings as defined in 40 CFR §63.11180. Furthermore, I have verified that none of the coatings mixed prior to application contain target HAP as spray-applied, based on the definition of "target HAP containing coatings". I certify, under penalty of law, to the truth, accuracy, and completeness of the information provided in this petition. If circumstances change such that we intend to spray apply target HAP containing coatings in surface coating operations, we will submit the initial notification required by 40 CFR §63.11175 and will comply with the requirements of 40 CFR Part 63 Subpart HHHHHH (the National Emission Standard for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources). Spray application of target HAP containing coatings in a surface coating operation voids any exemption that might be granted as a result of this petition.

If your petition is approved, then you must keep a copy of the approval on site at your facility until you change your operation(s) to include spray application of target HAP containing coatings, or discontinue motor vehicle and mobile equipment surface coating operations.


Signature of Certifying Official

8/29/2016
Date

Certifying official must be the owner or operator of the facility.
Check the one or both that apply:

DAVID WEST 302-856-5790

Printed Name and Telephone
Number of Certifying Official

☐ Owner

☒ Operator

DAVID.WEST@STATE.NE.US

Mailing Address of Certifying Official

Example Initial Notification
Paint Stripping and Miscellaneous Surface Coating Area Sources
National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart HHHHHH
40 CFR §§ 63.11169-63.11180
(Example Format as of December 14, 2009)

This example format may be used to meet the Initial Notification requirements of Subpart HHHHHH; however, you are not required to use this format as long as you provide the information required by 40 CFR § 63.11175(a). This example format for the Initial Notification may also serve as the Notification of Compliance Status as provided for under 40 CFR § 63.11175(a)(8). A copy of the brochure on this regulation is located at http://www.epa.gov/ttn/atw/area/paint_stripb.pdf

1. Company Name DEPT. OF CORRECTIONS

Facility Name (if different) SUSSEX COMMUNITY CORRECTIONAL CENTER

2. Information about the owner and operator:

a. Owner's Name and Title STATE OF DELAWARE / DEPT. OF CORRECTIONS

Owner's Street Address 23207 DUPONT BLVD GEORGETOWN DE 19947

Owner's Telephone Number 302-856-5790 Street City State Zip

Owner's E-mail Address (if available) _____

Owner's Signature _____

RECEIVED / REVIEWED

AUG 29 2016

Is the Operator the same person as the Owner? Yes ☐ No ☒

If the Operator information is different, please provide the following:

b. Operator's Name and Title DAVID WEST / CORRECTIONAL SERGEANT

Operator's Street Address 23207 DUPONT BLVD GEORGETOWN DE 19947 Street City State Zip

Operator's Telephone Number 302-856-5790

Operator's E-mail Address (if available) DAVID.WEST@STATE.DE.US

Operator's Signature _____

Is the Certifying Company Official different from the above owner and/or operator? Yes ☐ No ☒
If the Certifying Company Official information is different, please provide the following:

c. Certifying Company Official's Name and Title _____

Certifying Company Official's Address _____

Street City State Zip

Certifying Company Official's Telephone Number _____

Certifying Company Official's E-mail Address (if available) _____

Certifying Company Official's Signature _____

3. The street address (physical location) of the affected source

23207 DUPONT BLVD. GEORGETOWN DE 19947
Street City State Zip

Are the compliance records located at the same location? Yes ☒ No ☐

If the compliance records are kept at a different location, please provide the address where the compliance records are kept:

Street City State Zip

Is the source a motor vehicle or mobile equipment surface coating operation that repairs vehicles at the customer's location, rather than at a fixed location? Yes ☐ No ☒

If so, please provide the address where the compliance records are kept:

Street City State Zip

4. Identification of Standard (check this box):

☒ Yes, I am subject to 40 CFR Part 63 Subpart HHHHHH, National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Source; Final Rule

5. A brief description of the type of operation:

For Surface Coating Operations

a. The source is a: (check all that apply)

- ☒ Motor Vehicle Surface Coating Operation
☐ Mobile Equipment Surface Coating Operation
☐ Miscellaneous Surface Coating Operation

- b. Number of spray booths 1
c. Number of preparation stations 1
d. Number of painters usually employed at the operation 1

For Paint Stripping Operations

a. Methods of paint stripping used (check all that apply)

- ☐ Chemical ☐ Mechanical ☒ Other (please describe) HAND SANDING

b. Substrates stripped (check all that apply)

- ☐ Wood ☒ Plastic ☒ Metal ☐ Other (please describe) _____

6. Methylene Chloride (MeCl) Used In Paint Stripping Operations

Do you plan to use more than 1 ton of Methylene Chloride annually after the compliance date specified for your new or existing source in item 7? Yes ☐ No ☒

7. Compliance Status For Paint Stripping Operations Using Methylene Chloride (check one)

For paint stripping operations using Methylene Chloride (any amount), the relevant requirements that you must evaluate in making this determination are specified in 40 CFR § 63.11173(a) through (d) of this subpart.

- ☒ This source is already in compliance with each of the relevant requirements
☐ This source will come into compliance with each of the relevant requirements by the compliance date

Compliance Status For Surface Coating Operations (check one)

For surface coating operations, the relevant requirements are specified in 40 CFR § 63.11173(e) through (g) of this subpart.

- ☒ This source is already in compliance with each of the relevant requirements
☐ This source will come into compliance with each of the relevant requirements by the compliance date

Compliance dates are as follows (as specified in 40 CFR §63.11172):

New source (initial startup after January 9, 2008) compliance date is date of initial startup

New source (initial startup after September 17, 2007 but before January 9, 2008)
compliance date is January 9, 2008

Existing source (initial startup before September 17, 2007) compliance date is January 10, 2011

Note: As defined in 40 CFR §63.11180 Initial startup is the first time equipment is brought online in a paint stripping or surface coating operation, and paint stripping or surface coating is first performed.

8. Certification of Compliance Status

(Complete the one that applies to your source either A, B or C)

Note: An Annual Notification of Changes Report as described in 40 CFR §63.11176(a) is required by March 1, for each calendar year in which information previously submitted has changed, or if there have been any deviations from the requirements.

- A. This source is a new source.** I certify the truth, accuracy, and completeness of this notification, and that this source has complied with all of relevant standards of this subpart, and that **this initial notification also serves as a notification of compliance status.**

Print responsible official's name: DAVID WEST Title: CORRECTIONAL SERGEANT

Phone number: 302-856-5790 E-mail Address (if available) DAVID.WEST@STATE.DE.US

Signature of responsible official: [Signature] Date: 8/29/10

- B. This source is an existing source.** I certify the truth, accuracy, and completeness of this notification, and that this source has complied with all of relevant standards of this subpart, and that **this initial notification also serves as a notification of compliance status.**

Print responsible official's name: _____ Title: _____

Phone number: _____ E-mail Address (if available) _____

Signature of responsible official: _____ Date: _____

- C. This source is an existing source. I am submitting this form as an Initial Notification only.**

I understand a responsible company official has until March 11, 2011 to submit a Notification of Compliance Status certifying an existing source's compliance with all of the relevant standards and other requirements of this subpart as specified under 40 CFR § 63.11175(b)(1) – (4). I certify the truth, accuracy, and completeness of this notification, and that this source will be brought into compliance with all of relevant standards of this subpart by January 10, 2011.

Print responsible official's name: _____ Title: _____

Phone number: _____ E-mail Address (if available) _____

Signature of responsible official: _____ Date: _____

Please make a copy of the signed form for your records and submit the Initial Notification as follows:

- a. To the appropriate Regional Office of the EPA (see addresses below); and
- b. If a State or Local Agency has been delegated the authority for this regulation under section 112(l) of the Clean Air Act, submit the notification to the appropriate State or Local agency found at the following link:
<http://www.4cleanair.org/contactUsaLevel.asp>

Addresses of EPA Regional Offices:

EPA Region I (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont), Director, Air, Pesticides and Toxics Division, One Congress Street, Suite 1100 (SEA), Boston, MA 02114, Attn: Air Compliance Clerk.

EPA Region II (New Jersey, New York, Puerto Rico, Virgin Islands), Director, Division of Enforcement and Compliance Assistance, 290 Broadway, New York, NY 10007-1866.

* EPA Region III (Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia), Director, Air Protection Division, 1650 Arch Street, Philadelphia, PA 19103.

EPA Region IV (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee), Director, Air, Pesticides and Toxics Management Division, Atlanta Federal Center, 61 Forsyth Street, Atlanta, GA 30303-3104.

EPA Region V (Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin), Director, Air and Radiation Division, 77 West Jackson Blvd., Chicago, IL 60604-3507.

EPA Region VI (Arkansas, Louisiana, New Mexico, Oklahoma, Texas), Director, Air, Pesticides and Toxics, 1445 Ross Avenue, Dallas, TX 75202-2733.

EPA Region VII (Iowa, Kansas, Missouri, Nebraska), Director, Air, Air and Waste Management Division, U.S. Environmental Protection Agency, 901 N. 5th Street, Kansas City, KS 66101.

EPA Region VIII (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming), Director, Air and Toxics Technical Enforcement Program, Office of Enforcement, Compliance and Environmental Justice, 1595 Wynkoop Street, Denver, CO 80202-1129.

EPA Region IX (Arizona, California, Hawaii, Nevada, American Samoa, Guam), Director, Air Division, 75 Hawthorne Street, San Francisco, CA 94105.

EPA Region X (Alaska, Idaho, Oregon, Washington), Director, Office of Air, Waste, and Toxics, 1200 6th Ave., Suite 900, AWT-107, Seattle, WA 98101.



OFFICE OF STATE FIRE MARSHAL

Technical Services

2307 MacArthur Road
New Castle, DE 19720-2426
Phone: 302-323-5365
Fax: 302-323-5366

1537 Chestnut Grove Road
Dover, DE 19904-9610
Phone: 302-739-4394
Fax: 302-739-3696

22705 Park Avenue
Georgetown, DE 19947
Phone: 302-856-5298
Fax: 302-856-5800



FIRE PROTECTION PROJECT APPROVAL

Plan Review Number 2016-04-0271-FFS-01
Review Status APPROVED

Tax Parcel Number 1-35-23.00-19.00
Inspection Date 08/15/2016

PROJECT

PAINT BOOTH (BLDG 7)

SCI

Phase#

Building # 7

Unit #

23207 DUPONT BLVD

GEORGETOWN, DE 19947

SCOPE OF PROJECT

Project Type FFS Fixed Fire Suppression System

Number of Stories 1

Occupant Load

Square Footage 7200

Occupancy Code 9794

Construction Class IV (2HH) HEAVY TIMBER

Fire District 77

Project System Details

Alarm System

Secondary Power

Suppression

Hazard

System Type

Classification

APPLICANT

OWNER

CINTAS FIRE PROTECTION

DE DEPT OF CORRECTIONS

CINTAS CORPORATION NO 2
1038 CONSHOHOCKEN RD
CONSHOHOCKEN, PA 19428-1002

23207 DUPONT BLVD
GEORGETOWN, DE 19947

This office has reviewed the plans and specifications of the above described project for compliance with the Delaware State Fire Prevention Regulations, in effect as of the date of this review.

A Review Status of "Approved as Submitted" or "Not Approved as Submitted" must comply with the provisions of the attached Plan Review Comments.

Any Conditional Approval does not relieve the Applicant, Owner, Engineer, Contractor, nor their representatives from their responsibility to comply with the plan review comments and the applicable provisions of the Delaware State Fire Prevention Regulations in the construction, installation and/or completion of the project as reviewed by this Agency.

This Plan Review Project was prepared by:

JEFFERSON CERRI, FIRE PROTECTION SPECIALIST



OFFICE OF STATE FIRE MARSHAL

Technical Services

2307 MacArthur Road
New Castle, DE 19720-2426
Phone: 302-323-5365
Fax: 302-323-5366

1537 Chestnut Grove Road
Dover, DE 19904-9610
Phone: 302-739-4394
Fax: 302-739-3696

22705 Park Avenue
Georgetown, DE 19947
Phone: 302-856-5298
Fax: 302-856-5800



FIRE PROTECTION PROJECT APPROVAL

Plan Review Number 2016-04-0193-BLD-02
Review Status APPROVED

Tax Parcel Number 1-35-23.00-19.00
Inspection Date 08/15/2016

PROJECT

PAINT BOOTH (BLDG 7)
SCI

Phase#

Building # 7

Unit #

23207 DUPONT BLVD
GEORGETOWN, DE 19947

SCOPE OF PROJECT

Project Type BLD New Building

Number of Stories 1

Occupant Load

Square Footage 7200

Occupancy Code 9794

Construction Class IV (2HH) HEAVY TIMBER

Fire District 77

APPLICANT

DE DEPT OF CORRECTIONS

23207 DUPONT BLVD

GEORGETOWN, DE 19947

OWNER

DE DEPT OF CORRECTIONS

23207 DUPONT BLVD

GEORGETOWN, DE 19947

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This Plan Review Project was prepared by:

JEFFERSON CERRI, FIRE PROTECTION SPECIALIST



OFFICE OF STATE FIRE MARSHAL

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New Castle, DE 19720-2426
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Fax: 302-323-5366

1537 Chestnut Grove Road
Dover, DE 19904-9610
Phone: 302-739-4394
Fax: 302-739-3696

22705 Park Avenue
Georgetown, DE 19947
Phone: 302-856-5298
Fax: 302-856-5800



SFMO PERMIT

Plan Review Number 2016-04-0271-FFS-01

Tax Parcel Number 1-35-23.00-19.00

Review Status APPROVED AS SUBMITTED

Review Date 04/06/2016

PROJECT

PAINT BOOTH (BLDG 7)

SCI

Phase#

Building # 7

Unit #

23207 DUPONT BLVD

GEORGETOWN, DE 19947

SCOPE OF PROJECT

Project Type FFS Fixed Fire Suppression System

Number of Stories 1

Occupant Load

Square Footage 7200

Occupancy Code 9794

Construction Class IV (2HH) HEAVY TIMBER

Fire District 77

Project System Details

Alarm System

Secondary Power

Suppression

Hazard

System Type

Classification

APPLICANT

OWNER

CINTAS FIRE PROTECTION

DE DEPT OF CORRECTIONS

CINTAS CORPORATION NO 2
1038 CONSHOHOCKEN RD
CONSHOHOCKEN, PA 19428-1002

23207 DUPONT BLVD
GEORGETOWN, DE 19947

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JEFFERSON CERRI, FIRE PROTECTION SPECIALIST



OFFICE OF STATE FIRE MARSHAL

Technical Services

2307 MacArthur Road
New Castle, DE 19720-2426
Phone: 302-323-5365
Fax: 302-323-5366

1537 Chestnut Grove Road
Dover, DE 19904-9610
Phone: 302-739-4394
Fax: 302-739-3696

22705 Park Avenue
Georgetown, DE 19947
Phone: 302-856-5298
Fax: 302-856-5800



FIRE PROTECTION PLAN REVIEW REPORT

Plan Review Number 2016-04-0271-FFS-01

Tax Parcel Number 1-35-23.00-19.00

Review Status APPROVED AS SUBMITTED

Review Date 04/06/2016

PROJECT

PAINT BOOTH (BLDG 7)
SCI

Phase#

Building # 7

Unit #

23207 DUPONT BLVD

GEORGETOWN, DE 19947

SCOPE OF PROJECT

Project Type FFS Fixed Fire Suppression System

Number of Stories 1

Occupant Load

Square Footage 7200

Occupancy Code 9794

Construction Class IV (2HH) HEAVY TIMBER

Fire District 77

Project System Details

Alarm System

Secondary Power

Suppression

Hazard

System Type

Classification

APPLICANT

OWNER

CINTAS FIRE PROTECTION

DE DEPT OF CORRECTIONS

CINTAS CORPORATION NO 2
1038 CONSHOHOCKEN RD
CONSHOHOCKEN, PA 19428-1002

23207 DUPONT BLVD
GEORGETOWN, DE 19947

This office has reviewed the plans and specifications of the above described project for compliance with the Delaware State Fire Prevention Regulations, in effect as of the date of this review.

A Review Status of "Approved as Submitted" or "Not Approved as Submitted" must comply with the provisions of the attached Plan Review Comments.

Any Conditional Approval does not relieve the Applicant, Owner, Engineer, Contractor, nor their representatives from their responsibility to comply with the plan review comments and the applicable provisions of the Delaware State Fire Prevention Regulations in the construction, installation and/or completion of the project as reviewed by this Agency.

This Plan Review Project was prepared by:

JEFFERSON CERRI, FIRE PROTECTION SPECIALIST

FIRE PROTECTION PLAN REVIEW COMMENTS

Project Name PAINT BOOTH (BLDG 7)
Plan Review Number 2016-04-0271-FFS-01 Tax Parcel Number 1-35-23.00-19.00
Review Status APPROVED AS SUBMITTED Review Date 04/06/2016

PROJECT COMMENTS

- 6004 This project has been reviewed under the provisions of the Delaware State Fire Prevention Regulations (DSFPR) Effective December 11, 2012, and the NFPA 33, Standard for Spray Applications. The current Delaware State Fire Prevention Regulations are available on our website at www.statefiremarshal.delaware.gov. These plans were not reviewed for compliance with the Americans with Disabilities Act. These plans were not reviewed for compliance with any Local, Municipal, nor County Building Codes.
- Project work must be started within two years from the issuance of the permit, otherwise, the permit will be terminated.
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- 5004 This plan for a fixed fire suppression system was reviewed as a REQUIRED fixed fire suppression system.
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- 5060 A final inspection and witnessing of an acceptance test of the system is required (DSFPR Part III Section 1-1.3.1). Contact this Agency to schedule this inspection. Please have the plan review number available. A minimum of five working days notice is required.
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- 2710 The following items will be field verified by this Agency at the time of final inspection:
-
- 5063 Final acceptance of this fixed fire suppression system is dependent on the successful completion of a balloon test.
-
- 2857 For continuous spray application operations, activation of the fire extinguishing system shall automatically accomplish all of the following: (1) activate a local alarm in the vicinity of the spraying operation and activated the facility's alarm system, if one is provided; (2) shut down the coating material delivery system; (3) terminate all spray application operations; and (4) stop any conveyors into and out of the spray area. NFPA 33 Section 7.1.1 (2000 ed.)
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- 5603 Each spray area shall be provided with mechanical ventilation that is capable of confining and removing vapors and mists to a safe location and is capable of confining and controlling combustible residues, dusts, and deposits. The concentration of vapors and mists in the exhaust stream of the ventilation system shall not exceed 25 percent of lower flammable limit. NFPA 33, Chapter 7 (2003 ed.)
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PROJECT COMMENTS

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- 5033 All system components required to be tested or inspected under DSFPR Part III, Chapter 1 shall have a unique identification number assigned. This assigned number shall be displayed on the device in such a way that each component shall be easily and readily identified in the installed state. (DSFPR Part III, Section 1-4.8.2)
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- 5032 A written log or other complete written record of all tests and inspections required under DSFPR Part III, Chapter 1 shall be maintained on the premises by the owner or occupant in charge of said premises. The written record shall document the inspection or testing of each individual system component required to be tested or inspected. The written record must reference each component by use of an identification number. (DSFPR Part III, Section 1-4.8.1)
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- 5034 Periodic inspections, testing, and maintenance of fire alarm signaling, fire suppression, and any other fire protection systems, devices, and equipment shall be conducted in accordance with the National Fire Protection Association (NFPA) National Fire Codes and Standards, as adopted and/or modified by the Delaware State Fire Prevention Regulations (DSFPR). The required inspection, testing, and maintenance service shall be conducted by a licensed company or by an owner's representative at the intervals established by the NFPA National Fire Codes and Standards, as adopted and/or modified by the DSFPR and as referenced in Appendix F of the DSFPR (DSFPR Part III, Section 1-4.1.1). A Certificate of Inspection shall be forwarded to the State Fire Marshal on an annual basis and on the prescribed form (DSFPR Part III, Section 1-4.8.3)
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- 5035 An inspection and maintenance tag shall be affixed to the face of the system's main control after each completed inspection or test. The inspection and maintenance tag shall indicate the following: a) Location or identification of system; b) Name, address, telephone number, and license number of the fire alarm signaling system company; c) Date of inspection or maintenance; d) Name and certificate number of employee in responsible charge of inspection or maintenance visit; and e) Type of system inspected or maintained. (Types of systems shall be as per the Certificate of Installation). DSFPR Part III, Section 1-4.8.4
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- 5110 A Certificate of installation shall be available to this Agency at the time of the acceptance test.
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- 2220 All electrical work shall comply with the provisions of the National Electrical Code (NFPA 70). It will be required to pass an electrical inspection by an approved electrical inspection agency: American Inspection Agency (877-242-1300); or Building Inspection Underwriters (800-732-2551); or Eagle Inspection Agency (302-368-1312); or First State Inspection Agency (800-468-7338); or Middle Department Inspection Agency (800-222-6342); or United Inspection Agency (267-718-8735).
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PROJECT COMMENTS

1501

If there are any questions about the above referenced comments please feel free to contact the Fire Protection Specialist who reviewed this project. Please have the plan review number available when calling about a specific project. When changes or revisions to the plans occur, plans are required to be submitted, reviewed, and approved.

